RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/509009_
Source: _PCT_
Date Processed by STIC: _5-13-05_

ENTERED

RAW SEQUENCE LISTING   DATE: 05/13/2005
PATENT APPLICATION: US/10/509,009   TIME: 15:02:07

Input Set : **A:\Seqlist.txt**
Output Set: **N:\CRF4\05132005\J509009.raw**

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 4 <110> APPLICANT: Chiquet-Ehrismann, Ruth
 5        Scherberich, Arnaud
 7 <120> TITLE OF INVENTION: TENASCIN-W COMPOSITIONS AND USES THEREOF
10 <130> FILE REFERENCE: 1/32411A/USN/FMI
12 <140> CURRENT APPLICATION NUMBER: 10/509,009
13 <141> CURRENT FILING DATE: 2004-09-24
15 <150> PRIOR APPLICATION NUMBER: PCT/EP03/03150
16 <151> PRIOR FILING DATE: 2003-03-26
18 <150> PRIOR APPLICATION NUMBER: GB0207224.7
19 <151> PRIOR FILING DATE: 2002-03-27
21 <160> NUMBER OF SEQ ID NOS: 28
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 3891
27 <212> TYPE: DNA
28 <213> ORGANISM: Mus musculus
30 <220> FEATURE:
31 <221> NAME/KEY: CDS
32 <222> LOCATION: (1)...(3891)
33 <223> OTHER INFORMATION: Mouse tenascin-W
35 <400> SEQUENCE: 1
36 atg ggt ctc tgg ggg atg ctc gcc ttc ccc ctg gga ttt ctg ctt gct   48
37 Met Gly Leu Trp Gly Met Leu Ala Phe Pro Leu Gly Phe Leu Leu Ala
38 1               5                  10                  15
40 tct gtg ctc ctg gtg gct tcg gcc cca gcc act cca gag tct ccc ggc   96
41 Ser Val Leu Leu Val Ala Ser Ala Pro Ala Thr Pro Glu Ser Pro Gly
42               20                  25                  30
44 tgc agc aac aaa gag caa cag gtc act gtt agc cac acc tac aag att  144
45 Cys Ser Asn Lys Glu Gln Gln Val Thr Val Ser His Thr Tyr Lys Ile
46           35                  40                  45
48 gac gtg ccc aag tct gct ctg gtt caa gta gag acc gac cca cag tca  192
49 Asp Val Pro Lys Ser Ala Leu Val Gln Val Glu Thr Asp Pro Gln Ser
50        50                  55                  60
52 ctc agc gat gat ggg aca tca ctc ttg gct ccc ggg gag gat ggg gag  240
53 Leu Ser Asp Asp Gly Thr Ser Leu Leu Ala Pro Gly Glu Asp Gly Glu
54 65                  70                  75                  80
56 gag cag aac att atc ttc agg cac aac atc cgt ctt cag aca ccg cag  288
57 Glu Gln Asn Ile Ile Phe Arg His Asn Ile Arg Leu Gln Thr Pro Gln
58               85                  90                  95
60 aag aat tgc gac ctg gca gac agt gtc cag gac ctg cta gcc cgg atg  336
61 Lys Asn Cys Asp Leu Ala Asp Ser Val Gln Asp Leu Leu Ala Arg Met
62           100                 105                 110
64 aaa aag ctg gag gaa gag atg gca gag ctg aag gag cag tgc aat acc  384
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65  Lys Lys Leu Glu Glu Glu Met Ala Glu Leu Lys Glu Gln Cys Asn Thr
66          115                 120                 125
68  aac cgc tgc tgc cag ggg gct gct gat ctg agc cgt cac tgc agt ggc    432
69  Asn Arg Cys Cys Gln Gly Ala Ala Asp Leu Ser Arg His Cys Ser Gly
70          130                 135                 140
72  cac ggg acc ttc ctc cct gag acc tgc agc tgc cac tgt gac cag ggc    480
73  His Gly Thr Phe Leu Pro Glu Thr Cys Ser Cys His Cys Asp Gln Gly
74  145                 150                 155                 160
76  tgg gag ggc gca gac tgt gat cag ccc acc tgt cct ggg gct tgc aac    528
77  Trp Glu Gly Ala Asp Cys Asp Gln Pro Thr Cys Pro Gly Ala Cys Asn
78                  165                 170                 175
80  ggc cac ggg cgc tgt gtg gat ggg cag tgc gtg tgt gac gcg ccc tat    576
81  Gly His Gly Arg Cys Val Asp Gly Gln Cys Val Cys Asp Ala Pro Tyr
82              180                 185                 190
84  gtg ggg gtc gac tgc gcc tac gcc gcc tgt ccc cag gac tgc agt ggg    624
85  Val Gly Val Asp Cys Ala Tyr Ala Ala Cys Pro Gln Asp Cys Ser Gly
86          195                 200                 205
88  cat ggc gtg tgc gtg cag ggt gtc tgc cag tgc cac gag gac ttc aca    672
89  His Gly Val Cys Val Gln Gly Val Cys Gln Cys His Glu Asp Phe Thr
90      210                 215                 220
92  gca gag gac tgc agc gag cag cgc tgt cct ggc gac tgt agt ggc aat    720
93  Ala Glu Asp Cys Ser Glu Gln Arg Cys Pro Gly Asp Cys Ser Gly Asn
94  225                 230                 235                 240
96  ggt ttc tgt gac act ggc gag tgt tac tgt gag atg ggc ttt act ggc    768
97  Gly Phe Cys Asp Thr Gly Glu Cys Tyr Cys Glu Met Gly Phe Thr Gly
98                  245                 250                 255
100 ccc gac tgt tcc cag gtg gtg gct cct cag ggc ctg cag ttg ctc aag    816
101 Pro Asp Cys Ser Gln Val Val Ala Pro Gln Gly Leu Gln Leu Leu Lys
102             260                 265                 270
104 agc acg gag aac tct ctg ctg gtg agt tgg gag ccc tcc agt gag gta    864
105 Ser Thr Glu Asn Ser Leu Leu Val Ser Trp Glu Pro Ser Ser Glu Val
106         275                 280                 285
108 gac tac tac ctg ctc agc tac tac ccc ctg ggg aag gag caa gct aca    912
109 Asp Tyr Tyr Leu Leu Ser Tyr Tyr Pro Leu Gly Lys Glu Gln Ala Thr
110     290                 295                 300
112 aaa cag gtc cgg gta ccc aag gag cag cac acc tat gac atc acc ggc    960
113 Lys Gln Val Arg Val Pro Lys Glu Gln His Thr Tyr Asp Ile Thr Gly
114 305                 310                 315                 320
116 ttg ctg cct gga acc aag tac ata gtc acc ctg cgc aac gtg aag aaa   1008
117 Leu Leu Pro Gly Thr Lys Tyr Ile Val Thr Leu Arg Asn Val Lys Lys
118                 325                 330                 335
120 gac att tcc agc agc cct cag cat cta ctt gcc acc aca gac ctt gct   1056
121 Asp Ile Ser Ser Ser Pro Gln His Leu Leu Ala Thr Thr Asp Leu Ala
122             340                 345                 350
124 gtg ctt ggc act gcc tgg gta aat gaa gag act gag aca tcc ctc gat   1104
125 Val Leu Gly Thr Ala Trp Val Asn Glu Glu Thr Glu Thr Ser Leu Asp
126         355                 360                 365
128 gtg gag tgg gag aac cct ctg act gag gtg gac tat tac aag ctt cgg   1152
129 Val Glu Trp Glu Asn Pro Leu Thr Glu Val Asp Tyr Tyr Lys Leu Arg
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130      370                  375                 380
132 tat ggc ccc tta aca ggg cag gag gtg aca gag gtc act gtg ccc aag   1200
133 Tyr Gly Pro Leu Thr Gly Gln Glu Val Thr Glu Val Thr Val Pro Lys
134 385                  390                 395                 400
136 agc cgt gat ccc aag agc aga tat gac atc act ggt ctg cag cct gga   1248
137 Ser Arg Asp Pro Lys Ser Arg Tyr Asp Ile Thr Gly Leu Gln Pro Gly
138                  405                 410                 415
140 acg gaa tat aaa atc aca gtt gtg ccc atc cga ggt gat ctg gag gga   1296
141 Thr Glu Tyr Lys Ile Thr Val Val Pro Ile Arg Gly Asp Leu Glu Gly
142                  420                 425                 430
144 aag ccg att ctc ctg aat ggc agg aca gaa att gat gga cca acc aat   1344
145 Lys Pro Ile Leu Leu Asn Gly Arg Thr Glu Ile Asp Gly Pro Thr Asn
146              435                 440                 445
148 gtg gtc aca aat cag gtg aca gaa gac aca gca tct gtt tcc tgg gat   1392
149 Val Val Thr Asn Gln Val Thr Glu Asp Thr Ala Ser Val Ser Trp Asp
150      450                 455                 460
152 cca gtg agg gct gac ata gac aag tat gtg gtg cgc tat atc gcc ccc   1440
153 Pro Val Arg Ala Asp Ile Asp Lys Tyr Val Val Arg Tyr Ile Ala Pro
154 465                  470                 475                 480
156 gat ggg gag acc aag gag aag gca gta cca aag gac cag agc agc acc   1488
157 Asp Gly Glu Thr Lys Glu Lys Ala Val Pro Lys Asp Gln Ser Ser Thr
158                  485                 490                 495
160 gtt ctc aca ggc ctg aag cca gga gag gcc tac aaa gtc ttt gtg tgg   1536
161 Val Leu Thr Gly Leu Lys Pro Gly Glu Ala Tyr Lys Val Phe Val Trp
162              500                 505                 510
164 gct gag agg ggc aac caa ggc agc aag aaa gca gac acc aag gcc ctc   1584
165 Ala Glu Arg Gly Asn Gln Gly Ser Lys Lys Ala Asp Thr Lys Ala Leu
166              515                 520                 525
168 aca gaa att gac agt cca gaa aac ctg gtg act gac cgg gtg aca gag   1632
169 Thr Glu Ile Asp Ser Pro Glu Asn Leu Val Thr Asp Arg Val Thr Glu
170      530                 535                 540
172 aac agc ctc tct gtc tcg tgg gac cca gtg gag gct gac atc gac agg   1680
173 Asn Ser Leu Ser Val Ser Trp Asp Pro Val Glu Ala Asp Ile Asp Arg
174 545                  550                 555                 560
176 tat gtg gta agc tac act tcc gtg gat gga gag acg aag cag gtt cca   1728
177 Tyr Val Val Ser Tyr Thr Ser Val Asp Gly Glu Thr Lys Gln Val Pro
178                  565                 570                 575
180 gtg aag aag gac cag agg agc acc gtc ctc acc ggc ctg agt ccc ggt   1776
181 Val Lys Lys Asp Gln Arg Ser Thr Val Leu Thr Gly Leu Ser Pro Gly
182              580                 585                 590
184 gtg gag tac aaa gtt tac gtg tgg gca gag aaa ggc gat cgg gag agc   1824
185 Val Glu Tyr Lys Val Tyr Val Trp Ala Glu Lys Gly Asp Arg Glu Ser
186              595                 600                 605
188 aag aag gcc aac acc aag gct ccc aca gac atc gac agc ccc aaa aac   1872
189 Lys Lys Ala Asn Thr Lys Ala Pro Thr Asp Ile Asp Ser Pro Lys Asn
190      610                 615                 620
192 ttg gta act gac cag gtg aca gag aac act ctc agt gtc tcc tgg gac   1920
193 Leu Val Thr Asp Gln Val Thr Glu Asn Thr Leu Ser Val Ser Trp Asp
194 625                  630                 635                 640
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196 cct gtt cag gcc aac att gac agg tat atg gtg agc tac acc tct gcc     1968
197 Pro Val Gln Ala Asn Ile Asp Arg Tyr Met Val Ser Tyr Thr Ser Ala
198             645             650             655
200 gat gga gag aca aga gag gtc cca gtg cct aag gag aag agc agt acc     2016
201 Asp Gly Glu Thr Arg Glu Val Pro Val Pro Lys Glu Lys Ser Ser Thr
202             660             665             670
204 gtc ctg act ggc ctg agg cca ggt gtg gag tac aag gtc cat gtg tgg     2064
205 Val Leu Thr Gly Leu Arg Pro Gly Val Glu Tyr Lys Val His Val Trp
206             675             680             685
208 gcc cag aag ggg acc cag gag agc aga aag gcc aac acc aag gcc ccc     2112
209 Ala Gln Lys Gly Thr Gln Glu Ser Arg Lys Ala Asn Thr Lys Ala Pro
210             690             695             700
212 aca gat att gat ggc ccc aaa aac ctg gtg act gac cag gtg acc gag     2160
213 Thr Asp Ile Asp Gly Pro Lys Asn Leu Val Thr Asp Gln Val Thr Glu
214 705             710             715             720
216 acc act ctt agt gtc tcc tgg gac cca gtg gag gct gac att gat agg     2208
217 Thr Thr Leu Ser Val Ser Trp Asp Pro Val Glu Ala Asp Ile Asp Arg
218             725             730             735
220 tac atg gtt cgc tac acg tct cct gat gga gag acc aag gag gtg cct     2256
221 Tyr Met Val Arg Tyr Thr Ser Pro Asp Gly Glu Thr Lys Glu Val Pro
222             740             745             750
224 gtg tca aag gat aag agc agc aca gtc ctg agg ggc ctg agg cca ggt     2304
225 Val Ser Lys Asp Lys Ser Ser Thr Val Leu Arg Gly Leu Arg Pro Gly
226             755             760             765
228 gtg gag tac aag gtg gat gta tgg gcc cag aag ggg gcc cag gac agc     2352
229 Val Glu Tyr Lys Val Asp Val Trp Ala Gln Lys Gly Ala Gln Asp Ser
230             770             775             780
232 cgg aag gcc aac acc aag gcc ccc aca gat att gac agc cct aaa aac     2400
233 Arg Lys Ala Asn Thr Lys Ala Pro Thr Asp Ile Asp Ser Pro Lys Asn
234 785             790             795             800
236 cta gtg act gag cag gtg gca gag agc act gcc acc gtg tcc tgg gac ·   2448
237 Leu Val Thr Glu Gln Val Ala Glu Ser Thr Ala Thr Val Ser Trp Asp
238             805             810             815
240 cca gta gag gct gac atc gac agg tat gtg gtg cgc tac acc tct gct     2496
241 Pro Val Glu Ala Asp Ile Asp Arg Tyr Val Val Arg Tyr Thr Ser Ala
242             820             825             830
244 gat gga gag acc agg gag att cca gtg agg aag gag aag agc agc act     2544
245 Asp Gly Glu Thr Arg Glu Ile Pro Val Arg Lys Glu Lys Ser Ser Thr
246             835             840             845
248 gtc ctc aca ggc ctg aga ccg ggt gtg gag tac acg gtc caa gtg tgg     2592
249 Val Leu Thr Gly Leu Arg Pro Gly Val Glu Tyr Thr Val Gln Val Trp
250 850             855             860
252 gct cag aag ggg gcc cgg gag agc aag aag gcc aaa acc aag gcc ccc     2640
253 Ala Gln Lys Gly Ala Arg Glu Ser Lys Lys Ala Lys Thr Lys Ala Pro
254 865             870             875             880
256 aca gaa att gac agc ccc aag aac ttg gtg acc aac cga gtg aca gaa     2688
257 Thr Glu Ile Asp Ser Pro Lys Asn Leu Val Thr Asn Arg Val Thr Glu
258             885             890             895
260 aat aca gcc acc atc tcc tgg gac cca gtg cga gcc aac att gac agg     2736
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RAW SEQUENCE LISTING   DATE: 05/13/2005
PATENT APPLICATION: US/10/509,009   TIME: 15:02:07

Input Set : A:\Seqlist.txt
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261 Asn Thr Ala Thr Ile Ser Trp Asp Pro Val Arg Ala Asn Ile Asp Arg
262         900                 . 905                 910
264 tac atg gtt cgc tac acc tct gcg gat gga gag act aag gag att cca   2784
265 Tyr Met Val Arg Tyr Thr Ser Ala Asp Gly Glu Thr Lys Glu Ile Pro
266         915                 920                 925
268 gtg tca aag gat cag agt aac acc atc ctg aca ggc ctg aaa cca ggc   2832
269 Val Ser Lys Asp Gln Ser Asn Thr Ile Leu Thr Gly Leu Lys Pro Gly
270         930                 935                 940
272 atg gaa tat acc att cat gtg tgg gcc cag aag ggg gcc cgg gag agc   2880
273 Met Glu Tyr Thr Ile His Val Trp Ala Gln Lys Gly Ala Arg Glu Ser
274 945                 950                 955                 960
276 aag aag gct gat acc aag gcc cta aca gaa att gac cct ccc aga aat   2928
277 Lys Lys Ala Asp Thr Lys Ala Leu Thr Glu Ile Asp Pro Pro Arg Asn
278             965                 970                 975
280 ctc cgt ccg ttc ggg gta aca cat tct ggt ggg gtt ttg acc tgg ttg   2976
281 Leu Arg Pro Phe Gly Val Thr His Ser Gly Gly Val Leu Thr Trp Leu
282             980                 985                 990
284 ccc cca tct gct caa att gat ggc tac att ttg acc tac cag ttc cca   3024
285 Pro Pro Ser Ala Gln Ile Asp Gly Tyr Ile Leu Thr Tyr Gln Phe Pro
286             995                 1000                1005
288 aat ggc acc gtg aag ggg gtg gag ctc cca aga ggc cag cag aga ttt   3072
289 Asn Gly Thr Val Lys Gly Val Glu Leu Pro Arg Gly Gln Gln Arg Phe
290         1010                1015                1020
292 gaa ttg caa gac ctg gaa cag ggt gtc acc tat cct gtt tcc ttg gtt   3120
293 Glu Leu Gln Asp Leu Glu Gln Gly Val Thr Tyr Pro Val Ser Leu Val
294 1025                1030                1035                1040
296 gcc ttc aaa ggt aat cag cgg agc cgg act gtg tct acc acc ctt tct   3168
297 Ala Phe Lys Gly Asn Gln Arg Ser Arg Thr Val Ser Thr Thr Leu Ser
298             1045                1050                1055
300 aca gtg gat gct cgc ttt cca cac ccc tca gac tgc agt caa gtt cag   3216
301 Thr Val Asp Ala Arg Phe Pro His Pro Ser Asp Cys Ser Gln Val Gln
302             1060                1065                1070
304 cag aac acc aac gct gcc agt ggg ctc tac acc atc tac ctc aat ggt   3264
305 Gln Asn Thr Asn Ala Ala Ser Gly Leu Tyr Thr Ile Tyr Leu Asn Gly
306         1075                1080                1085
308 gat gcc agc cgg ccc atg cag gtg tac tgc gac atg gac act gac gga   3312
309 Asp Ala Ser Arg Pro Met Gln Val Tyr Cys Asp Met Asp Thr Asp Gly
310     1090                1095                1100
312 ggc ggc tgg att gtc ttc cag aga cgg aac act ggg cag ctg gat ttc   3360
313 Gly Gly Trp Ile Val Phe Gln Arg Arg Asn Thr Gly Gln Leu Asp Phe
314 1105                1110                1115                1120
316 ttc aag cgt tgg cgg agt tat gta gaa ggt ttt ggg gac ccc atg aag   3408
317 Phe Lys Arg Trp Arg Ser Tyr Val Glu Gly Phe Gly Asp Pro Met Lys
318             1125                1130                1135
320 gag ttc tgg ctt gga ctt gat aaa cta cat aat ctc acc act ggc acc   3456
321 Glu Phe Trp Leu Gly Leu Asp Lys Leu His Asn Leu Thr Thr Gly Thr
322             1140                1145                1150
324 acc act cgg tat gag gtg agg gca gac tta cag act ttc aat gaa tct   3504
325 Thr Thr Arg Tyr Glu Val Arg Ala Asp Leu Gln Thr Phe Asn Glu Ser
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VERIFICATION SUMMARY   DATE: 05/13/2005
PATENT APPLICATION: **US/10/509,009**   TIME: 15:02:08

Input Set : **A:\Seqlist.txt**
Output Set: **N:\CRF4\05132005\J509009.raw**